

Recommendations for the improvement of the Boulder Irrigation and Water Development Company. A committee consisting of Clyde King as Chairman and Vern Hansen, Ephraim Coombs, Emerson Peterson, Truman Lyman, as members with Bruce H. Anderson, Extension Irrigation Specialist and Kay Bendixsen, Garfield County Agent, as advisors was set up by company president, Leland Haws, to consider changes and improvements in the operation and management of the canals of the company. The recommendations agreed upon in the committee are to be submitted to the Board of Directors for presentation at the annual meeting of the irrigation company.

Some of the recommendations arise from the fact that the building of the Garkane Power Plant will automatically change the alignment of some of the existing ditches of the system.

The recommendations accepted by the meeting shall be acted upon as deemed necessary by the Board of Directors. Those that pertain to policy may become a part of the by laws of the company if so desired.

1. The proposed site of the Garkane Power Plant shall be designated as the point of measurement for the waters of Boulder Creek with the exception of the first diversion for Emerson Peterson.
2. Each year the company shall allocate funds to do a certain amount of repair, maintenance and improvement on the canals, headgates, measuring devices and other structures of the canal system. A list of priority items shall be set up and agreed to by the Directors and as recommended by the water master.
3. a. Partial flumes or an equivalent measuring device shall be installed after each diversion to assure each user his fair share of the water.
b. Wherever waters of different users are co-mingled in a common ditch and then are separated lower down the system, adequate measuring devices shall be installed to measure the water into and out of the conveyance channel. All losses incurred shall be borne by the users in proportion to the flow in the canal.
4. Recognizing that there are losses throughout the system, a loss of 15% shall be prorated to each user in proportion to his share of water. If this 15% is found to be incorrect it can be changed by the Board of Directors. The Board of Directors shall clarify and specify how much water will be delivered to each farm.
5. Wherever and whenever it is considered advisable that the waters of the irrigation company shall be rotated, the Board of Directors shall so direct the water master so that the flow can be used to better advantage by all users of the system.
6. The special agreement on the rotation of the Dear Creek system at low flow as agreed upon by the users of that system shall be administered by the Board of Directors.

7. All seepage and return flow into the Boulder and Deer Creek systems shall accrue to the system and thus come under the management of the Board of Directors.
8. a. All water users involved in the Boulder and Deer Creek systems shall immediately complete and turn over all the water rights to the irrigation company in return for stock in the company so that the company can operate for the best interests of all the users.
b. The Board of Directors shall take immediate action to request the adjudication of the water rights so turned into the company to see that they are in good standing and that all files and applications of the company are proved up on and certified by the office of the State Engineer.
9. The Board of Directors shall bring the articles of incorporation up to date with any amendments and changes and clarifications necessary for their proper administration and understanding.
10. The Board of Directors shall exercise a firm hand in the administration and operation and distribution of the water of the company to its users. The water master shall be instructed to carry out the proper distribution of water and shall have the full support of the Board of Directors in any controversial situation. It is further recommended that if possible a non-interested party, preferably a student in irrigation, be hired as water master for the next year or two. A system of penalizing unwarranted use of water shall be established and firmly administered. For example: an estimate shall be made of the water that is adversely used. The amount shall be doubled and taken from the man at his next and given to the person from whom the water was first taken.
11. It is recommended that the company consider the possibility of concrete lining or piping water from the power plant to the point where it spills over and returns to Boulder Creek. The following estimates are given and are approximate only as a basis for comparison.
 - a. Concrete lining: This cost will vary from \$2.50 per foot to \$3.00 per foot, giving a total cost for the 2½ mile distance of from \$45,200 to \$55,440. It should be pointed out here that an open concrete-lined ditch with an over-all slope of 3½ percent will have a relatively high velocity and will be somewhat dangerous for livestock and humans, if they were to get into the ditch.
 - b. Helix core pipe with water-tight joints: The total cost of this installation would be approximately \$57,629.88. (Helix core 21" pipe at \$2.92 per foot in 20 foot lengths with water-tight joints at \$3.97 each).
 - c. Steel pipe with welded joints: At \$4.50 per foot of pipe in 40 foot lengths, welded joints at \$15.00 each. This would be a total of \$90,090.

In considering these costs, the company should estimate how much help would be forthcoming from the Power Plant and should make application to A.C.P. for financial assistance. This would mean that the total cost in dollars to the company would be relatively small.

ENTRY NO 91881 REC'D APR 23 1957 AT 10:30 A.M.
AT REQUEST OF Boulder Irrigation & Water
Development Co
FEE \$3.40
Mildred Nevel
RECORDER GARFIELD COUNTY, UTAH
DEPUTY